

School of Electrical Electronics and Communication Engineering

Electronics and Communication Engineering

ETE - Jun 2023

Time : 3 Hours

Marks : 50

SEM VI - BECE3311 - Communication network

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Describe the varieties of fading and what they mean. K2 CO2 (2)
2. Identify some features of TDMA. K2 CO2 (2)
3. Difference between Simplex and Full-Duplex. K2 CO2 (2)
4. Define Baud rate. K1 CO1 (2)
5. List the designing parameters of digital communication system. K1 CO1 (2)
6. Describe the many approaches used in Diversity techniques. K4 CO4 (6)
7. Write brief summaries about multiplexing and its variations. K3 CO3 (5)
8. List and describe the Characteristics of PN sequences. K3 CO3 (5)
9. Give a thorough summary of the WiMAX architecture. K5 CO5 (8)
10. Explain how a typical TDMA system works. K5 CO5 (8)
11. Discuss the various super heterodyne receiver parameters and provide a clear block diagram illustrating the receiver's operation. K4 CO4 (8)